

Technical Data

Type	300 D-TURBO DIESEL (123.133) ¹
	300 CD-TURBO DIESEL (123.153) ¹

Engine

Engine type	617.952
Work cycle	Diesel four stroke
No. of cylinders	5
Bore	90.9 mm/3.58 in
Stroke	92.4 mm/3.64 in
Total piston displacement	2998 cm ³ / 183.0 in ³
Compression ratio	21.5
Output acc. to SAE	
Federal version	92 kW/4350 rpm/ 123 net-bhp/4350 rpm
California version	88 kW/4350 rpm/ 118 net-bhp/4350 rpm
Valve clearance } Intake	0.10 mm/0.004 in
(cold engine) } Exhaust	0.35 mm/0.014 in
Injection order	1 - 2 - 4 - 5 - 3

V-belts:

Water pump — fan — alternator: 2 V-belts	9.5 × 1035 mm
Power steering	12.5 × 1145 mm
Air conditioning	12.5 × 925 mm

Transmission

Design	Automatic four-speed torque-converter transmission
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Steering System

Design	Power steering
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Rims — Tires

Rims (forged light alloy rims) .	6 J × 14 H 2
Summer tires:	
Radial-ply tires	195/70 R 14 90 S
Winter tires:	
Radial-ply tires	195/70 R 14 90 Q M + S 195/70 R 14 90 T M + S

Electrical System

Alternator	14 V/65 A
Starter motor	12 V/2.3 kW
Battery	12 V/92 Ah

¹ The quoted data apply only to the standard vehicle. See an authorized MERCEDES-BENZ dealer for the corresponding data of all special bodies and special equipment

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Main Dimensions 300 D-TURBO DIESEL

Overall vehicle length	4848 mm/190.9 in
Overall vehicle width	1786 mm/ 70.3 in
Overall height	1438 mm/ 56.6 in
Wheel base	2795 mm/110.0 in
Track, front	1488 mm/ 58.6 in
Track, rear	1446 mm/ 56.9 in

Main Dimensions 300 CD-TURBO DIESEL

Overall vehicle length	4763 mm/187.5 in
Overall vehicle width	1786 mm/ 70.3 in
Overall height	1395 mm/ 54.9 in
Wheel base	2710 mm/106.7 in
Track, front	1488 mm/ 58.6 in
Track, rear	1446 mm/ 56.9 in

Weights See certification tag